## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20040158289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/04 09:25
L4	2	"607".clas. and ikb	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 09:28
L5	621	(607/3).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/04 10:10
S1	10	["20020012914"   "20020061589"   "20030050259"   "20030073238"   "5265608"   "5702384"   "6238429"   "6385491"   "6566777"   "6567705").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:20
S2	26	("4146029"   "4360031"   "4539991"   "4554921"   "4711251"   "4920965"   "5030204"   "5041107"   "5060660"   "5087243"   "5104393"   "5172694"   "5174999"   "5176641"   "5220917"   "5328470"   "5330836"   "5447533"   "543450"   "5447533"   "5458631"   "5496360").PN. OR ("6567705").URPN.	US PCPUB; USPAT; USOCR	OR	ON	2006/10/13 08:44
S3	152	["4182330"   "4332893"   "4351337"   "4353888"   "4636195"   "4824436"   "5049132").PN. OR ["5328470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 08:51
S4	1	("4,953,564").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/13 08:51
S5	74	["4106512"   "4209019"   "4217913"   "4506680"   "4577642"   "4606118"   "4624266"   "4711251"   "4819661"   "H000356").PN. OR ("4953564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 08:53

S6	40	S5 and (gen\$4 vir\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 08:59
S7	78	("4003379"   "4146029"   "4181123"   "4296100"   "4319562"   "4360031"   "4577642"   "4606118"   "4711251"   "4797285"   "4819661"   "4819662"   "4844099"   "4884567"   "4892538"   "4900303"   "4922926"   "4936317"   "4946457"   "4953564"   "4991603"   "4999975"   "5902067"   "5016640"   "5030204"   "5033477"   "5086787"   "5176907"   "5255693"   "5244460"   "50326424"   "553244460"   "52364241"   "5220917"   "52364241"   "5322064"   "55234426"   "5385148"   "5347498"   "5405376"   "5525444"   "5631699"   "5547341"   "5547609"   "5557344"   "555704910"   "5722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57722400"   "57704910"   "57728281   "57807395"   "58810836"   "5840059"   "588117"   "5840059"   "588117"   "5840059"   "59451000   "5951588"   "6086683"   "6102887"   "6288119") .PN. OR ("6478776") UFPN.	US PGPUB; USPAT; USOCR	OR	ON	2006/10/13 08:57
S8	55	S7 and (gen\$4 vir\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:12
S9	73	("4840793"   "4884567"   "4935234"   "4991578"   "5269326"   "5328470"   "5405376"   "5552309").PN. OR ("5797870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:10
S10	68	S9 and (gen\$4 vir\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:21

S11	59613	"60"\$.clas. and (gene\$3 and electr\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:21
S12	4768	"60"\$.clas. and gene\$3 and (electr\$4 same (polymer elut \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:22
S13	296	"60"\$.clas. and gene\$3 and (electr\$4 same elut\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:23
S14	53	"60"\$.clas. and (gene genetic) and (electr\$4 with elut\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:24
S15	508	"60"\$.clas. and (gene genetic) and (electr\$4 with (polymer elut\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:24
S16	270	"60"\$.clas. and (gene genetic) and (electr\$4 with (matrix elut \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:27
S17	265	S16 not "60".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:25
S18	161	"60"\$.clas. and (gene genetic) and (electr\$4 with (matrix elut \$4)) and heart	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 09:27
S19	21	(US-20020183686-\$ or US-20040158289-\$ or US-20020082583-\$ or US-20020082583-\$ or US-20020082583-\$ or US-328470-\$ or US-6100242-\$ or US-6309370-\$ or US-6100242-\$ or US-5797870-\$ or US-6478776-\$ or US-4953564-\$ or US-5693622-\$ or US-5661133-\$ or US-4892538-\$ or US-5693622-\$ or US-569133-\$ or US-6405091-\$ or US-6482538-\$ or US-6102887-\$ or US-6424862-\$ or US-6424862-	US-PCPUB; USPAT	OR	ON	2006/10/16
S20	389	(607/3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 09:30
S21	1	("20020156383").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 09:30

<b>S</b> 22	***************************************	("4256115"   "4379459"   "44712686"   "4476868"   "4456668"   "4791911"   "4821723"   "5030204"   "5060660"   "5069680"   "5144949"   "51131388"   "5144949"   "5158078"   "5205810"   "5207218"   "5243977"   "5251621"   "5306293"   "5312453"   "5314430"   "5354316"   "5510077"   "5545186"   "5632716"   "5632716"   "5632784"   "5807556"   "6151525"   "6671558"). PN. OR ("7031775"). UFFN.	US-PGPUB; USPAT; USOOR	OR	OS	2006/10/16 09:46
S23	1	("6151525").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 09:46
<b>S</b> 24	26	(US-20020183686-\$ or US-20040158289-\$ or US-20020082583-\$ or US-20020082583-\$ or US-20020156383-\$ or US-20020156383-\$ or US-20060167501-\$), did. or (US-5328470-\$ or US-4711251-\$ or US-6309370-\$ or US-6309370-\$ or US-6478776-\$ or US-649376-\$ or US-6598531-\$ or US-5698531-\$ or US-5698531-\$ or US-5698531-\$ or US-610287-\$ or US-610287-\$ or US-610287-\$ or US-6405091-\$ or US-6405091-\$ or US-6405091-\$ or US-6405091-\$ or US-7104988-\$ or US-6151525-\$), did.	US-PGPUB; USPAT	OR	ON	2006/10/16
\$25	74	("4106512"   "4209019"   "4217913"   "4506680"   "4577642"   "4606118"   "4624266"   "4711251"   "4814661"   "H000356").PN. OR ("4953564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:18
S26	11	S20 and connexin	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:20
S27	0	S20 and cx-43	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:20

S28	0	\$20 and "cx-43"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:20
S29	6	S20 and "cx43"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:25
S30	947	ikb	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 10:25
S31	13	"60"\$.clas. and ikb	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/16 17:12
<b>S3</b> 3	412	(607/3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/23 09:34
S34	1	("6151525").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/23 10:44
<b>S3</b> 5	1	("4506680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/23 10:44
<b>S3</b> 6	147	("4101984"   "4350271"   "4360031").PN. OR ("4506680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 10:51
S37	98	\$36 and remov\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 11:16
S38	0	S37 and freeze\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 11:17
<b>S3</b> 9	0	S37 and lyph\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 11:17
S40	29	(US-20040005295-\$ or US-20040158299-\$ or US-20020183686-\$ or US-20020082583-\$ or US-20020183685-\$ or US-20020156383-\$ or US-20020156383-\$ or US-20020156383-\$ or US-5695362-\$ or US-569133-\$ or US-5698531-\$ or US-5698531-\$ or US-5698531-\$ or US-5698531-\$ or US-5698531-\$ or US-56985362-\$ or US-6102887-\$ or US-4711251-\$ or US-528470-\$ or US-6100242-\$ or US-4953564-\$ or US-6400914-\$ or US-6405091-\$ o	US-PGPUB; USPAT	OR	ON	2007/03/23

		7104988-\$ or US-7031775-\$ or US-6151525-\$ or US- 6749617-\$).did.		***************************************	***************************************	***************************************
S41	6	S40 and freeze\$	US-PGPUB; USPAT	OR	ON	2007/03/23 11:24
S42	1	("6151525").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/23 11:26
S43	4	S40 and connex\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 13:04
S44	29	[US-20040005295-\$ or US-20040158289-\$ or US-20020183886-\$ or US-20020183886-\$ or US-2002018385-\$ or US-2002018585-\$ or US-20020186383-\$ or US-20060167501-\$), did. or (US-654573-\$ or US-5698521-\$ or US-5698521-\$ or US-5698521-\$ or US-5693622-\$ or US-5693622-\$ or US-5693622-\$ or US-5693622-\$ or US-5693622-\$ or US-569362-\$ or US-569362-\$ or US-569362-\$ or US-569362-\$ or US-569362-\$ or US-6102887-\$ or US-6102888-\$ or US-7031775-\$ or US-6151525-\$	US-PCPUB; USPAT	OR .	ON	2007/03/23
S45	1	S44 and ikb	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/23 13:04
S46	1	("20040005295").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 14:30
S47	1	("6151525").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/21 08:28
S48	1	("20040005295").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/21 08:40
S49	1344	myoblast and contract\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:42
S50	155	S49 and "60"\$.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:41

S51	3074	myoblast and conduct\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:49
S52	147	S51 and "60"\$.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:42
S53	1139	myoblast with fibroblast and conduct\$7	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:49
S54	147	S52 and "60"\$.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:50
S55	147	S54 and "60"\$.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 08:50
S56	100	\$53 and "60"\$.clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 09:30
S57	1	conduct\$5 with contract\$5 with noncontract\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 09:30
S58	18	conduct\$5 with contract\$5 with "non-contract"\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:04
<b>S</b> 59	0	fibroblast with "not conductive"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:04
S60	0	fibroblast with "not conduct\$"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:04
S61	0	fibroblast with "no conduct\$"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:05
S62	0	fibroblast with "no conduct"\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:05
S63	639	fibroblast with conduct\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:05
S64	49	"60"\$.clas. and S63	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 10:05

<b>S</b> 65	29	(US-20020183686-\$ or US-20040158289-\$ or US-20020082583-\$ or US-20020082583-\$ or US-20040005295-\$ or US-20060167501-\$ or US-20060167501-\$ or US-6209370-\$ or US-5797870-\$ or US-5328470-\$ or US-5328470-\$ or US-6478776-\$ or US-6589531-\$ or US-6593622-\$ or US-65938-\$ or US-65938-\$ or US-6593622-\$ or US-6424862-\$ or US-610242-\$ or US-6107375-\$ or US-6151525-\$ or US-6749617-\$ or US-7031775-\$ or US-6100242-\$ or US-610	US-PGPUB; USPAT	OR	ON	2007/08/21 10:51
S66	204	8-18 and (metalloproteinase "anti-inflammatory" antiinflammatory immunosuppressant)	US-PGPUB; USPAT	OR	ON	2007/08/21 10:55
S67	1	S66 and "60"\$.clas.	US-PGPUB; USPAT	OR	ON	2007/08/21 10:54
S68	72	8-19 and (metalloproteinase "anti-inflammatory" antiinflammatory immunosuppressant)	US-PGPUB; USPAT	OR	ON	2007/08/21 10:54
<b>S</b> 69	16	965 and (metalloproteinase "anti-inflammatory" antiinflammatory immunosuppressant)	US-PGPUB; USPAT	OR	ON	2007/08/21 10:55
S70	16	connexin and 607/3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/30 11:41
S71	1195	(607/2).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/30 14:31
S72	522	(607/3).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:26
S73	3	(("6151525") or ("4819662") or ("20040158289")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 14:38
S74	1	("20040158289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/05 11:05

## EAST Search History (Interference)

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2/4/2010 10:13:45 AM

 $\textbf{C:} \\ \textbf{Documents and Settings} \\ \textbf{mkahelin} \\ \textbf{My Documents} \\ \textbf{EAST} \\ \textbf{Workspaces} \\ \textbf{10663570.wsp} \\$